



Sentinel-6A LRA Information for ILRS

Courtesy NASA Jet Propulsion Laboratory, California Institute of Technology

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LRA Position with respect to S/C Frame



Table 1. Position of origin of LRA reference frame in the spacecraft reference frame. Units are mm.

Xs	Ys	Zs
1625	-400	688.175

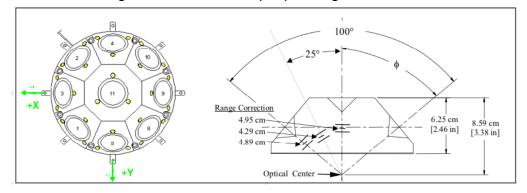
Table 2. Orientation of the LRA in the spacecraft reference frame.

	Xs	Y _s	Z _s
X _{LRA}	-0.707107	-0.707107	0
Y _{LRA}	0.707107	-0.707107	0
Z _{LRA}	0	0	1

Table 3. Position of LRA optical center in the LRA reference frame. Units are mm.

X _{LRA}	Y _{LRA}	Z _{LRA}
0.0	0.0	-23.375

Figure 1a. LRA field of view (FOV) and range corrections.



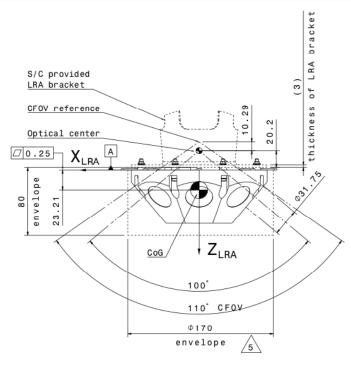


Figure 1b. LRA field of view (FOV) and coordinate system. The Z-axis of the LRA reference frame points toward nadir.